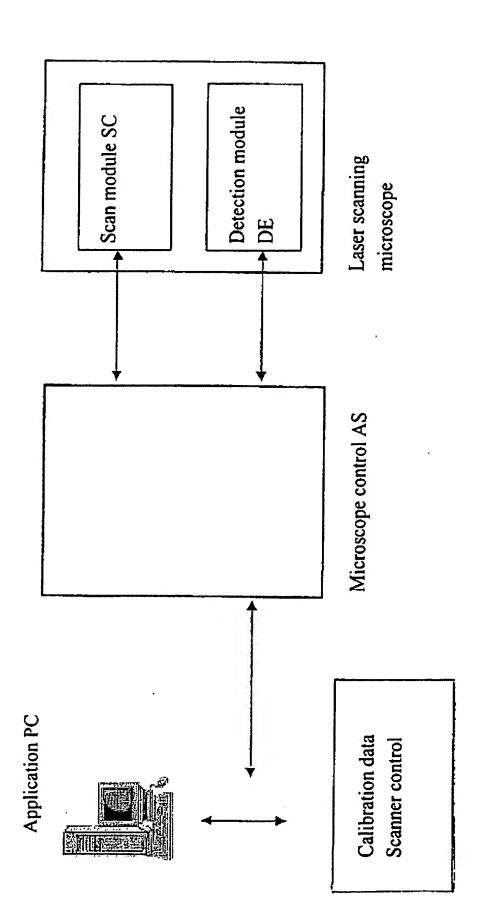
FIGURE 1

Appl.No. 10/583,346 Amdt. Dated Nov. 7, 2006 **Replacement Sheet**





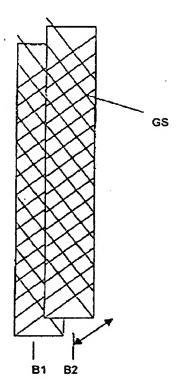
BEST AVAILABLE COPY

FIGURE 2b

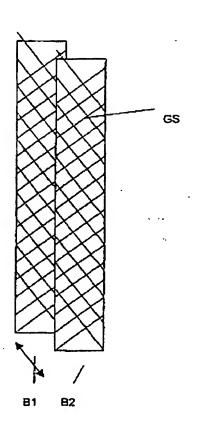
Correlation of partial images of the forward or back scan in the x scanner direction (example cross-grid sample,

FIGURE 2a

for example 20 µm grid):



Correlation in the y scanner direction:

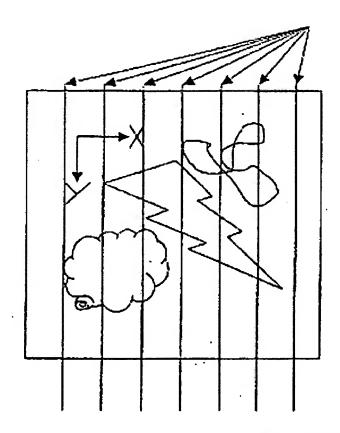


Appl.No. 10/583,346 Amdt. Dated Nov. 7, 2006



FIGURE 3

Slice direction for the strips



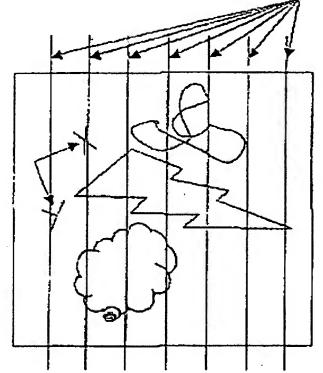
Displacement direction to determine the error of the X scanner Appl.No. 10/583,346 Amdt. Dated Nov. 7, 2006

Replacement Sheet



FIGURE 4

Slice direction for the strips



Displacement direction to determine the error of the X scanner

Displacement direction to determine the error of the Y scanner